

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
FY.17226US0A

APPLICATION NO.
09/945,311

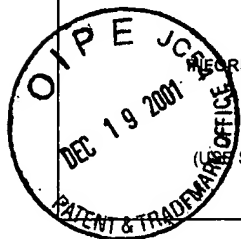
INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(SEE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Takehito Hasegawa

FILING DATE
August 30, 2001

GROUP
3681



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBR	4,447,801	5/8/1984	Masuda	340	459	
	4,583,612	4/22/1986	Parker	180	227	
	4,796,716	1/10/1989	Masuda	180	176	
	4,848,502	7/18/1989	Kikuta et al.	180	179	
	5,319,557	6/7/1994	Juman	701	97	
	5,445,443	8/29/1995	Hauser et al.	303	137	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL	

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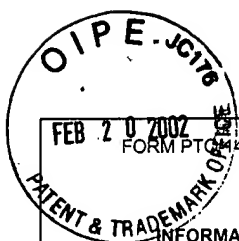
EXAMINER

Lama b. Rosey

DATE CONSIDERED

3-11-03

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FEB 20 2002 FORM PTO 449 PATENT & TRADEMARK OFFICE	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. FY.17226US0A	APPLICATION NO. 09/945,311
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
	APPLICANT Takahiko Hasegawa		
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBR		5,382,049	01/17/95	Hiramitsu et al.	280	735	
		5,835,873	11/10/98	Darby et al.	701	45	
↓		6,038,495	03/14/00	Schiffmann	701	1	

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GROUP 3681

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
LBR		JP 09207706	08/12/97	Patent Abstracts of Japan	—	—		
↓		DE 098 21 134 A1	12/16/99	Germany	—	—		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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021402

EXAMINER <i>Laura B. Rosy</i>	DATE CONSIDERED 3-11-03
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. FY.17226US0A	APPLICATION NO. 09/945,311
	APPLICANT Takahiko Hasegawa	
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	DE 195 32 521	3/97	Germany				
	DE 36 42 353	6/87	Germany				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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081902

EXAMINER <i>Laura B. Rose</i>	DATE CONSIDERED <i>3-11-03</i>
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
FY.17226US0AAPPLICATION NO.
09/945,311SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Takahiko HasegawaFILING DATE
August 30, 2001GROUP
3616

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	DE 198 21 134 A.1	12/16/99	Germany				

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052903

EXAMINER

Laura B. Roser

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8-13-03

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	APPLICANT Takahiko Hasegawa	
	FILING DATE August 30, 2001	GROUP 3616

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
UBL	1	4,624,140	11/25/86	Ekchian et al.	73	304C	
UBL	2	4,322,714	3/30/82	Morgan	340	427	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	3	DE 197 23.069.C1	10/22/98	Germany				
	4	DE 31.03.354.A1	11/4/82	Germany				
UBL	5	WO 01/28820 A2	4/26/01	PCT				
UBL	6	EP 1 170 181 A2	1/9/02	EPO				
	7							
	8							

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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